

St Johns College

ICT Strategic Plan



Vision Statement

St Johns College is a community that finds life and truth in Christ as known in the Catholic Tradition. Students are encouraged to realize their potential for the betterment of society

Introduction


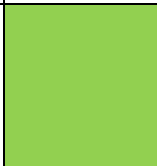
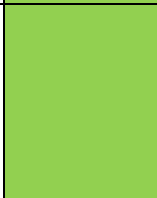

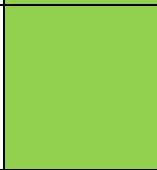
A significant and increasing percentage of all work and life activities today require a degree of competency in information and communication technologies. This increasing use of technology in everyday life means that our educational system needs to reflect this. As such it is our aim that all members of the College Community will have access to the information, applications, infrastructure and support that increases their capacity to learn, teach and manage.




The St Johns College Information Communications Technology Strategic Plan provides a context for the use of ICT to support and enhance the mission and goals of the College. It identifies the strategies and initiatives that guide decision making, planning and deployment of ICT services and systems across the College.




This plan will be reviewed and updated annually to reflect the changing needs and emerging developments of technology, and the College's directions and business requirements.

Support, enhance and enrich the quality of learning and teaching through the provision of ICT resources.

St Johns College strives to provide quality education that meets the lifelong learning interests of its students. The appropriate use of technology will improve and enhance learning outcomes and opportunities for students, the quality of learning and their attitudes to learning. Technological literacy will foster new learning modes and learners will develop higher order skills while using technology to build knowledge. Technology will equip and provide our students with the skills to gain access to further education and employment and to participate fully in the community.

	Strategy		Initiative	Evidence	Timeframe/Funding	Achieved 
1.1	Provide greater access to computer facilities for all classes in order to support the teaching and learning taking place.					
	Rm16	Provide improved computer access to Yr7-10 Mathematics classes so they can participate in the Mathletics program	Install computer benches around the outside of Rm16 and purchase 30 new all in one machines	Year 7-10 Mathematics classes timetabled into Rm16 once per cycle to work on the Mathletics program.	Term 3/4 2011	
	Sem	Increase the number of computers in the Seminar Room to make it suitable for junior classes	Place a bench down the centre of the room and purchase 25 new all in one machines. Current desktops to be moved into classrooms	Seminar Room available on "Bookit" for use by junior and senior classes	Term 3/4 2011	
	Rm9A	Provide computer access in Rm9A for smaller senior classes	Increase the bench space in Rm9A and purchase 8 new all in one machines	Smaller Senior ITech and Software classes timetabled into Rm 9A	Term 3/4 2011	
	Lib	Provide greater access to computers in the junior library	Increase the bench space in the junior library to provide computer access for two junior classes Purchase 46 all in one machines	2 Computer areas available on "Bookit" in the junior library for use by classes undertaking research	Purchase computers Term 4 2011 Term 1 2012	

	Strategy		Initiative	Evidence	Timeframe	Achieved 
	Language	Provide computer access in the language classroom with specialised language software for use by language classes Yrs7-12	Investigate the possibility of renovating the locker bay adjoining Rm20 to make a specialised language computer laboratory. Install 30 all in one machines and specialised software	Language classes into the language computer laboratory	Purchase computers Term 4 2011 for installation Term 2 2012	
	Classrooms	Provide additional computer access in classrooms for individual student use	Install one all in one computer in identified classrooms for individual student use (research, extension activities, differentiation of curriculum). Purchase 11 all in one computers	Individual students engaged in activities / research in the classroom. Computer activities providing alternative activities when differentiating the curriculum within the classroom	Purchase computers Term 4 2011. Installation Term 1 2012	
	Trade Training Centre	Provide computer access to students in the new Trade Training Facility	Each of the facilities (Hospitality, Metals & Engineering, Primary Ind) to contain fully networked computer facilities. Purchase 90 all in one machines.	Trade Training Centre facilities available on timetable	Purchase Term 4 2011 for installation 2012	
	Fte/Txt Technology	Increase the availability of computer facilities by including a computer room as part of the new Fte/Txt building project	Development of a fully networked computer facility to cater for classes of up to 30 students. Technology classes to be timetabled into this facility. It will also be available for use by other classes. Purchase 30 all in one computers	New computer facility available on the timetable.	Purchase Term 4 2012 installation	
1.2	Provide enhanced access to ICT and learning for students with special needs and gifted and talented students		Purchase an additional 4 all in one machines Purchase additional software to support students with special needs. Ongoing needs of students to be evaluated by ILC staff.	Increased computer access and programs available to students.	Ongoing	

Strategy			Initiative	Evidence	Timeframe	Achieved 
1.3	Provide greater access to ICT Resources					
	ILC	Provide ICT resources which can be used for small group activities	Install wireless port Purchase 6 laptops	Small groups of students working with ILC aides and laptop computers to improve Literacy and numeracy skills	Purchase laptops 2011 Setup Term 2 2012	
	Science	Provide access to network and internet for research for senior students	Install wireless port in a Science lab so that laptop computers can access the internet and network	Science classes using laptop computers and data loggers to capture and analyse experimental data. Senior science classes using laptop computers to access the internet for research during lessons.	Term 1 2012	
	Classrooms	Provide internet access and access to the College network in all teaching classrooms.	Complete the installation of data projectors / desktop in classrooms. (H3, HDst, M1, Art1, SL3, Rm9A, Rm12, Rm14, Rm23, D1, D5, D6, D8)	Data Projector and desktop with network access available in all teaching classrooms. Use of technology for the delivery of lessons in all classrooms	Term 4 2011	
	Interactive Whiteboard Technology	Provide greater access to interactive whiteboard technology	Investigate interactive whiteboard technology and determine if we will continue to purchase the "Smartboards" Progressively provide at least one Interactive Whiteboard in each teaching block	Purchase and installation of further Interactive Whiteboards. Curriculum programs containing resources for interactive whiteboard technology.	2015	

Strategy			Initiative	Evidence	Timeframe	Achieved <div></div>
1.4	Provide improved access to computer facilities for staff					
	Main staff study	Provide each staff member with an all in one computer for lesson preparation and administrative functions	Renovate the staff study. Reconfigure desks, provide cabling and supply and install all in one computer on each desk. Computers to be connected to the College Network	Renovations completed and staff study operational	Ready for Term 1 2012	
	PDHPE, TAS, Creative Arts Ind Tech Staffrooms		Cable and install all in one computers on each staff desk	Each staff member has access to individual networked computer	Ready for Term 1 2012	
1.5	Update curriculum documents to embed the latest learning objects		Review programs and identify appropriate learning objects. Build ICT Resources for sharing across a curriculum area. Include recommendations from Appraisal	Programs updated to reflect learning objects taking place in the classroom and feedback from Appraisal	Ongoing	

Enhance the ICT literacy of students, staff and members of the College community.



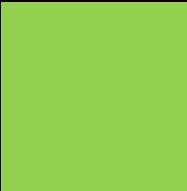

It is imperative that the increased provision of information technology in the college is implemented in tandem with appropriate professional development for staff. Teaching staff will be encouraged to use new technology to stimulate and engage students in the curriculum. The productive engagement with ICT will lead to expanding levels of ICT interest, use and skills amongst students and as a result students will leave the College as confident, literate and innovative users of technology.








	Strategy	Initiative	Evidence	Timeframe
2.1	Facilitate training and assist teachers with the integration of technology in the classroom	Continue to fund the position of Technology and Teaching Coordinator – Level 1	Appointment of Level 1 Coordinator	On going
2.2	Provide ongoing training for teachers and staff	KLA Professional Development in ICT to be supported	Log of external Professional Development attended by staff kept	Ongoing
		Continue to hold short after school training in Clickview, podcasting, movie maker, Access databases, Word, Prezi, Powerpoint, Moodle, Outlook, Smartboards and others as identified	Timetable of technology training circulated to staff each term. Technology Training scheduled on the Yearly Calendar. Increased use of Technology in delivery/preparation of lessons	Ongoing
2.3	Recruit staff with appropriate ICT skills	To be included as a desirable quality in selection criteria.		Ongoing
2.4	Provide support services to assist staff and students in their use of ICT	Continue to fund the positions of Network Manager and Assistant Network Manager Continue to provide Professional Development for Network Staff Review the job description of the Technology Aide	2 staff members with ongoing appointments Monetary support for ongoing approved study Prior to appointment of Gap Year students this position to be reviewed and a new job description developed	Ongoing Ongoing Term 4 2011

	Strategy	Initiative	Evidence	Timeframe
2.5	Outlook /Corporate Email	<p>Continue to train staff to use internal Outlook as preferred method of internal communication.</p> <p>Continue to train and support staff in their use of the CEO Corporate Email system</p>	<p>All internal communication to be circulated through outlook. Network staff to maintain contact lists and groups.</p> <p>External emails to be forwarded via the CEO Corporate Email system.</p> <p>Communication with CEO staff via the email system.</p>	<p>Ongoing</p> <p>Ongoing</p>
2.6	Cybersafety	Continue to inservice staff on new issues initiatives and legal requirements relating to cyber safety	<p>Presentation at staff meeting.</p> <p>Information forwarded to staff via outlook</p>	Ongoing

Enhance the quality, efficiency and effectiveness of administrative functions and support for students, staff and community through innovative use of technology.



An ideal ICT environment provides the ability to collaborate at both an individual and group level. Internal data systems are continually being developed and manipulated to provide an efficient and modern service to staff and the College community.

	Strategy	Initiative	Evidence	Timeframe	Achieved 
3.10	Students provided with a unique identifier to be used in all computer software across the school	Student codes in SAS are linked to all administrative software to enable portability between applications SAS, Firstclass, Attendance & Welfare, Library cards, Alice, school photographs	Ability to import data between software. Linking of Human Edge software (Welfare Firstclass and SAS)	Ongoing	
3.11	Continually review and improve staff access to up to date information	Continue to develop First Class Welfare and Attendance with Pastoral Care Members	Pastoral Care team members using the Welfare Program on a regular basis to record relevant student data	Term 4 2011	
		Provide access to First Class Attendance and Welfare to faculty staff .	Provide access to the Welfare program for the production of faculty letters/ Awards	2012-2013	
3.12	College Website	Develop a new College Website and provide access to additional information (Assessment Tasks, Excursion letters etc) College website to be hosted on CEO server	Updated and refreshed College website.	2012	
3.13	College Newsletter	Make changes to enrolment forms to collect email addresses of parents. Bulk email parents with a link to the College Newsletter	Reduced print run of College Newsletters. Link to College Newsletter emailed to parents	2012-2013	
3.14	Move to electronic roll marking	First class Attendance and Welfare program to be used to record attendance data. Rolls to be marked on line in homeroom classrooms.	Cease using paper rolls. Homeroom class lists to be accessed and marked online in classrooms during the homeroom period	2013	

	Strategy	Initiative	Evidence	Timeframe	Achieved 
3.15	Electronic Parent Teacher Interview Booking Program	Investigate the feasibility of purchasing and using online interview booking software	Feasibility study completed and a decision made.	2012	
3.16	Update Reporting Software	Update reporting software from Markbook to Accelerus. Reporting Administrator to attend training. Investigate replacements for Motorised Markbook	2011 Data converted to Accelerus. Reporting files produced in Accelerus in Term 1 2012. Training scheduled for staff	2011/2012	
3.17	Canteen	Install a networked computer in the canteen.	Memos/information delivered to canteen staff via outlook. Stock orders completed online	2012	
3.18	Maintenance	Install a networked computer in the maintenance shed	Maintenance staff able to access general information via outlook. Administration Coordinator able to keep in touch with staff regarding maintenance issues via outlook	2012	
3.19	Hall	Provide access to permanent data projector in hall for presentations and information evenings. Set up two side data projectors and screens to record assemblies on the side walls to provide viewing for students sitting on edges.	Data projector set up permanently in hall and available for presentations and information evenings. Students sitting on the side able to view the proceedings of assemblies via screens located on side walls.	2012	
3.20	Lecture Theatre	Upgrade the existing projector in the College Lecture Theatre	Improved quality projector purchased and installed	2012	

Enhance the ICT infrastructure to meet the changing educational, management and business needs of the College.

The College ICT infrastructure is to be developed in such a way that access can be provided for all learners to a unique mix of resources, facilities and opportunities. The technology infrastructure will be regularly updated and expanded to ensure that staff, students and the community are supported by an efficient and effective information technology environment

	Strategy	Initiative	Evidence	Timeframe	Achieved 
4.1	Upgrade to existing servers	Purchase an additional 2 servers	Additional servers installed and SAS data and Reporting data transferred Remote access to College Moodles	Term 4 2011 2014	
4.2	Wireless Technology	Continue to investigate Wireless technology for future application in the College	Increased use of Wireless technology throughout the College	Ongoing	
4.4	Review annually the cyclic replacement of ICT hardware to ensure technology remains up to date and reliable	Develop a replacement schedule for ICT hardware in the College. Update annually to include new purchases	See Appendix	Annually – end of year	
4.5	Review annually the Technology Fee charged to students	Annually review the Technology Fee charged to students to ensure sufficient funds are available to meet the costs of the replacement schedule and purchases of new equipment	Budget prepared by the bursar	Annually – end of year	
4.5	Upgrade to telephone system	Purchase a new telephone system to meet the expanding needs of the College. Specifications received from “Commander”. Three quotes to be arranged	New telephone system with increased handsets installed in back store room and available for use.	Term 2 2012	

4.6	Speed of internet connection	Continue to monitor the speed of the fibre connection coming in to the College. Provide data to the CEO and work with CEO staff to find a solution to the problem with internet speed	Consistent satisfactory connection speed to Internet available throughout the College	Ongoing	
4.7	Access to Computer Network for external TTC students	Research ways of providing required access to the College Network for external students using the TTC	External students using computers while taking part in courses in the TTC	2012	
4.8	Video Conferencing facilities available to connect staff and students to the CEO and other Diocesan schools	<p>Standard Video Conferencing equipment supplied by CEO to link Diocesan schools.</p> <p>Install video conferencing equipment in the new lecture theatre so that presentations/ resources can be shared between Diocesan Schools</p> <p>Staff able to take part in meetings and Professional Development at the CEO and other Diocesan schools without the additional time required for travelling</p>	<p>Installation of Video Conferencing equipment in the Lecture Theatre.</p> <p>Staff taking part in meetings and Professional Development within the Diocese without leaving the school grounds</p> <p>Sharing of teaching expertise for specialised senior subjects (Ext2 Eng, Languages etc)</p>	?	
4.9	Provide increased storage for automatic backups				